Pengembangan Model Evaluasi Peka Berbasis *Scientific Approach* Pada Perkuliahan Pendidikan Ipa Untuk Mengukur Kesiapan Mahasiswa Calon Guru SD Dalam Implementasi Kurikulum 2013

Abstrak

Oleh:
Woro Sri Hastuti, Supartinah, Sekar Purbarini K.

Tujuan penelitian ini adalah: (1) mengembangkan model penilaian berbasis *scientific approach* (PEKA) yang menunjang implementasi kurikulum 2013, (2) meningkatkan keterampilan mahasiswa calon guru SD dalam menyusun evaluasi berbasis *scientific approach*, (3) mengukur kesiapan mahasiswa calon guru SD dalam implementasi kurikulum 2013.

Metode penelitian yang digunakan adalah *Research and Development* (R&D) dengan mengadopsi model prosedural 4D, '*Four-D's Model of instructional design*' dari Thiagarajan. Prosedur penelitian pada model ini terdiri atas 4 (empat) fase pengembangan yakni: (1) definisi *(define),* (2) desain *(design),* (3) pengembangan *(develop),* dan (4) ujicoba *(disseminate).* Namun demikian, pada penelitian ini hanya dilaksanakan sampai tahapan pengembangan dengan ujicoba terbatas dalam kelas kecil yang melibatkan mahasiswa S1 PGSD semester IV.

Hasil penelitian menunjukkan bahwa (1) telah dihasilkan model penilaian berbasis *scientific approach* (PEKA) yang dapat diterapkan di SD dan mendukung implementasi Kurikulum 2013; (2) mahasiswa calon guru SD memiliki peningkatan keterampilan dalam mengembangkan penilaian hasil belajar; dan (3) belum seluruhnya mahasiswa calon guru SD memiliki kesiapan dalam implementasi Kurikulum 2013 khususnya dalam komponen penilaian.

Kata kunci : *scientific approach* , PEKA, evaluasi

Development of Scientific Approach-Based of PEKA On Science Education Course to Determine The Preparedness of Elementary School Teacher Students in The Implementation of The Curriculum of 2013

Abstract

By
Woro Sri Hastuti, Supartinah, Sekar Purbarini K.

This research aims to (1) develop of scientific approach-based of PEKA that supports of the implementation of the Curriculum of 2013; (2) improve the skills of elementary school teacher student in developing of scientific approach-based assignments; (3) determine the preparedness of elementary school teacher students in the implementation of the curriculum of 2013 especially in the evaluation component.

This research is a research and development adopted of four-D's model of instructional design by Thiagarajan. The procedure of research consists of (1) define, (2) design, (3) develop, and (4) disseminate steps. Actually, the procedure is only conducted till develop steps that involved elementary school teacher students of PGSD UNY.

Results show that (1) it has been developed of the scientific approach-based of PEKA that supports of the implementation of the Curriculum of 2013; (2) elementary school teacher students have some skills in developing of scientific approach-based assignments; and (3) most of elementary school teacher students are not ready in the implementation of the Curriculum of 2013 especially in the component of evaluation.

Keywords: *scientific approach* , PEKA, evaluation